

## ATTACHMENT F

### Examples of Previously Funded Projects

The PIER Program publishes annual reports that highlight and summarize funded research projects and activities. These reports can be found at

[http://www.energy.ca.gov/research/annual\\_reports.html](http://www.energy.ca.gov/research/annual_reports.html). The 2010 Annual Report, which discusses recently funded and completed projects and current activities, can be found at <http://www.energy.ca.gov/2011publications/CEC-500-2011-031/CEC-500-2011-031-CMF.PDF>

If interested, please refer to the link above on the PIER Annual Report for a broad range of examples of current and recently completed research projects. Some of these projects are listed below for the mere purpose of providing examples of research topics that were funded under the Advanced Generation program:

- 331 kWe High Efficiency and Low Emission Engine Using Thermochemical Fuel Reforming
- Development and Demonstration of a Novel High-Temperature Fuel Cell Absorption Chiller CCHP System
- Engine CHP Emission Control Technology
- Fuel Flexible Turbine System
- Highly Efficient Production of Electricity and Syngas Using a Natural-Gas Fuel Cell
- Low Emissions Exhaust Enthalpy Control System to Optimize DG/CCHP Systems
- Microturbine-Based CHP for Thermal Oxidizers
- New Engine Technology for California's Combined Heat and Power Market
- Novel Solid Oxide Fuel Cell Anodes for Use with Coal- and Biomass-Derived Syngas
- Waste Vegetable Oil Driven CHP for Fast Food Restaurants